

The Healthcare Analytics, Technology Transfer, Research and Evaluation Group  
School of Nursing  
Programmer 1, 2, or 3 (Research Assistant 1, 2, or 3)

**PLEASE FOLLOW THE SPECIFIC APPLICATION FILING INSTRUCTIONS AT THE BOTTOM OF THIS PAGE!**

**Open To:** The Public

**Location:** University of Connecticut. The positions are currently based in Farmington, CT, but will be relocated to Hartford in 2016.

**Hours:** 40 hrs / wk Monday – Friday, 8am – 5pm

**Salary:** Salary will be commensurate on successful candidates' background and experience.

**Closing Date:** May 05, 2016

**Position Overview:**

The Healthcare Analytics, Technology Transfer, Research and Evaluation Group (<http://chatter.uconn.edu/>)

within the School of Nursing at University of Connecticut (<http://nursing.uconn.edu/>) is seeking to hire **two Programmers at level 1, 2, or 3** (Research Assistant 1, 2, or 3), which are grant funded. These positions will support Connecticut's Health Information Technology (HIT) initiatives, working with the latest tools and technologies, such as Visual Studio 2015, TFS 2015, Agile, SQL Server 2014 and Angular JS with MVC. Under the direction of the HIT- Chief Technology Officer, the individuals will provide database programming along with quality improvements, using various models and methods to measure and analyze clinical data. These positions involve working with the enterprise data warehouse, system integration and ESB, and HTML 5 responsive UI.

The employee will perform tasks related with automation to aid research projects in data collection, data review, quality reporting and performance measures. The employee will oversee the data ingestion, transformation and cleansing, effective storage and retrieval, and finally present the data using intuitive and responsive UI. The employee will also have a chance to participate in all aspects of study design, data analysis, and dissemination.

These are full-time, grant-funded end-dated positions that are subject to annual renewal depending on available funding and job performance

**Knowledge, Skills, and Ability:**

Bachelor's Degree in Computer Science, MIS, Machine Learning, or a related field is required, but this can be substituted by four (4) years of relevant work experience. Experience in Microsoft SQL Server development, T-SQL coding, ETL creation and SSIS jobs creation and automation; Experience in Microsoft C# or VB.NET or Angular JS. Solid understanding of Object Oriented programming; Experience with Source Code Management System (SCM), including checking in stored procedures and version controlling a database; Experience using SQL Server tools: Management Studio, SSIS, SSRS, SQL Profiler; Experience creating reports in Microsoft SQL Server Reporting Services (SSRS) or Crystal Reports. Exceptional ability to solve business problems using creative solutions to common challenges; Ability to effectively organize, manage and work with large amounts of clinical data including primary, secondary and complex multilevel data; Desire to learn new data technologies and tools, including but not limited to big data and data lakes.

**General Experience:** The Research Assistant 2 requires a Bachelor's plus 2-3 years of experience or a Master's plus 0-1 year of experience. The Research Assistant 3 requires a Bachelor's plus 4-5 years of experience or a Master's plus 2-4 years of post-degree experience.

**Preferred Knowledge, Skills and Abilities:** Master's Degree in Computer Science or related field; Experience modeling a Data Warehouse; Some programming experience; Healthcare experience; Experience with a highly scalable, distributed system; Healthcare data analytics experience; Ability to work effectively in a practical clinical research team.

**Special Requirement:** A **cover letter** identifying how your skills will contribute to the goals of our department.

**Application Instructions:**

Interested applicants may apply on-line using the UConn Jobs applicant system at <http://jobs.uconn.edu>. Please reference **Search #2016548**. Applicants should submit a **cover letter** identifying how your skills will contribute to the goals of our department, a curriculum vitae and contact information for three (3) professional references. Evaluation of applications will begin immediately. Employment of the successful candidate will be contingent upon the successful completion of a pre-employment criminal background check. All employees are subject to adherence to the State Code of Ethics which may be found at <http://www.ct.gov/ethics/site/default.asp>.

**UConn**

The Healthcare Analytics, Technology Transfer, Research and Evaluation Group

School of Nursing, Hartford

Programmer 1, 2, or 3 (Research Assistant 1, 2, or 3)

**<http://www.jobs.uconn.edu>**

**Search #2016548**

**AN AFFIRMATIVE ACTION/EQUAL OPPORTUNITY EMPLOYER**

The University of Connecticut is committed to building and supporting a multicultural and diverse community of students, faculty and staff. The diversity of students, faculty and staff continues to increase, as does the number of honors students, valedictorians and salutatorians who consistently make UConn their top choice. More than 100 research centers and institutes serve the University's teaching, research, diversity, and outreach missions, leading to UConn's ranking as one of the nation's top research universities. UConn's faculty and staff are the critical link to fostering and expanding our vibrant, multicultural and diverse University community. As an Affirmative Action/Equal Employment Opportunity employer, UConn encourages applications from women, veterans, people with disabilities and members of traditionally underrepresented populations.